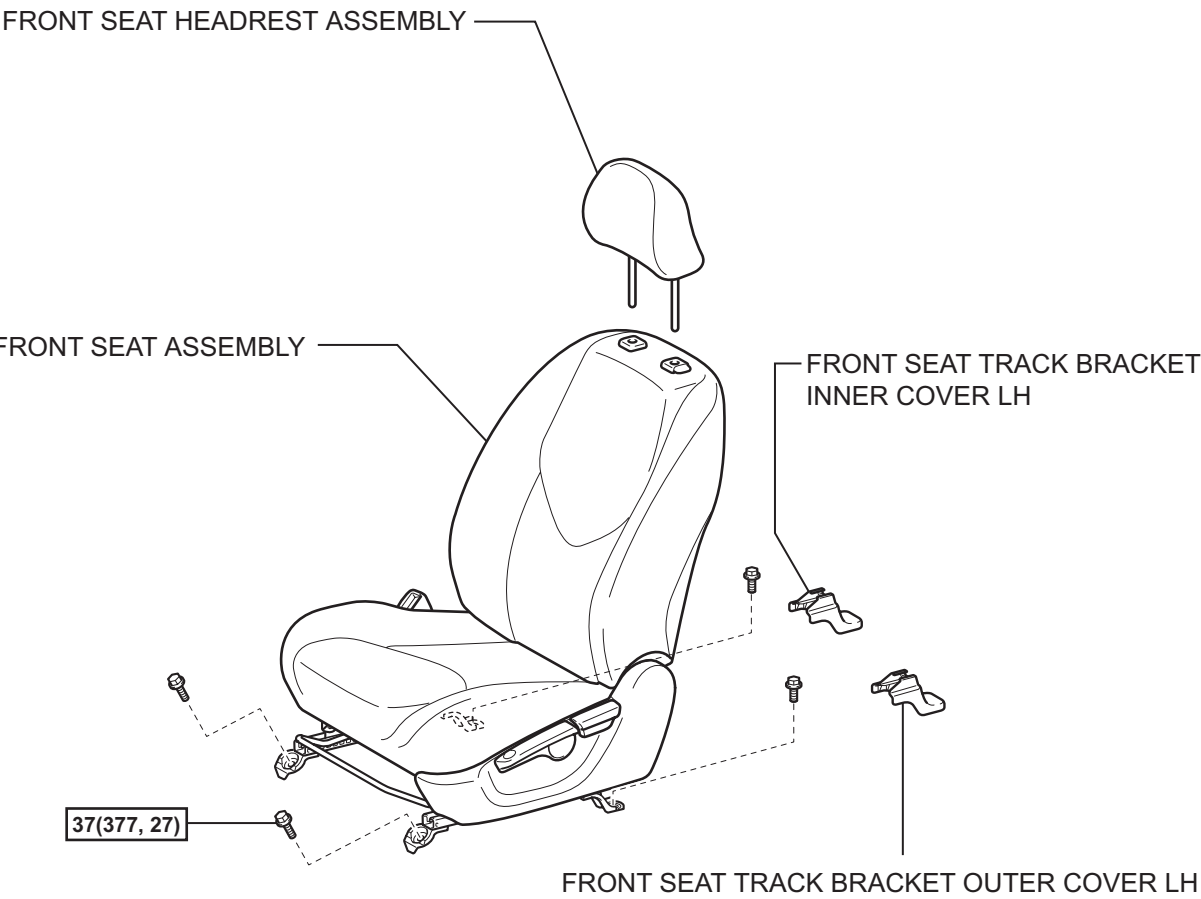


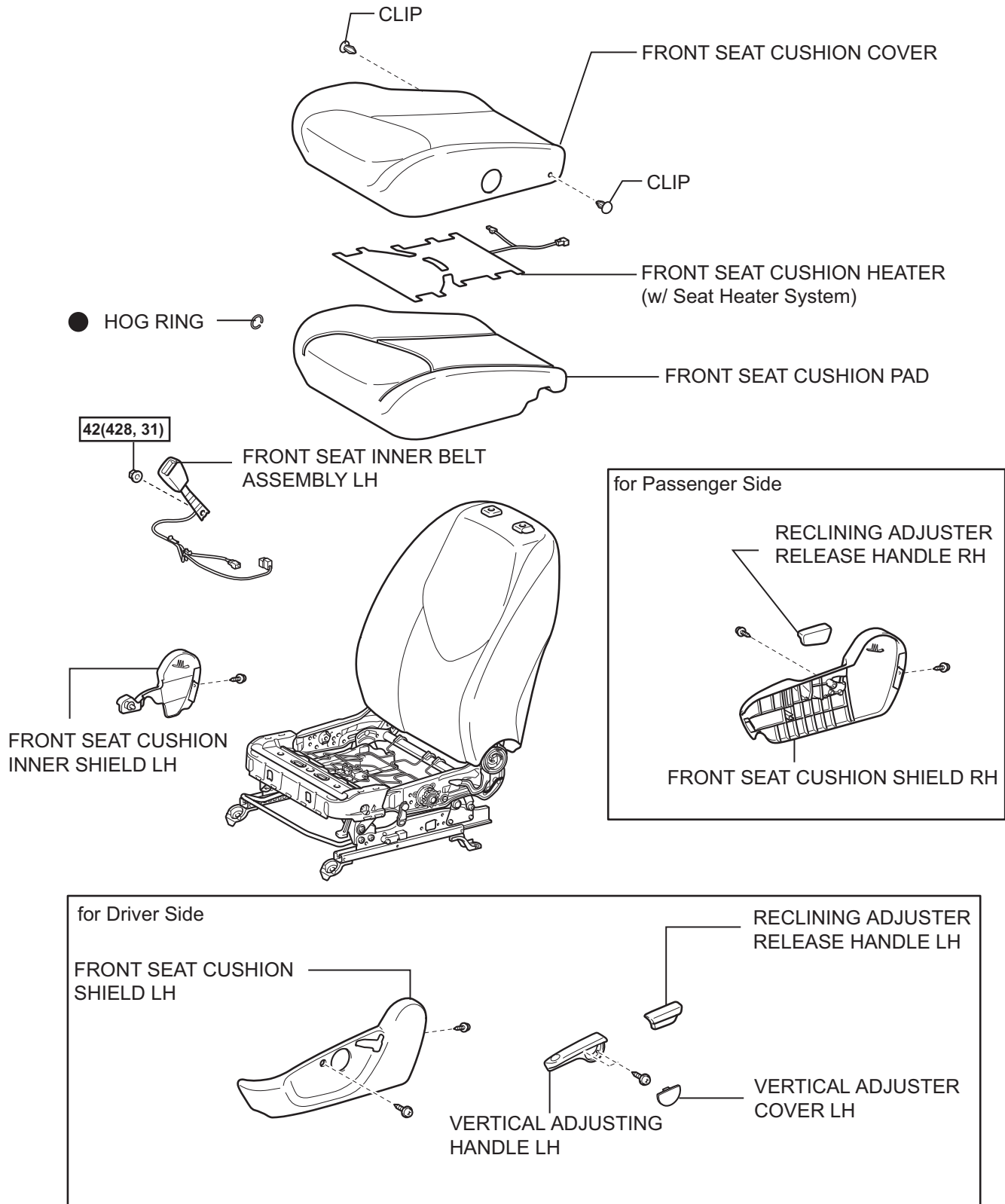
FRONT SEAT ASSEMBLY (for Manual Seat)

COMPONENTS

SE



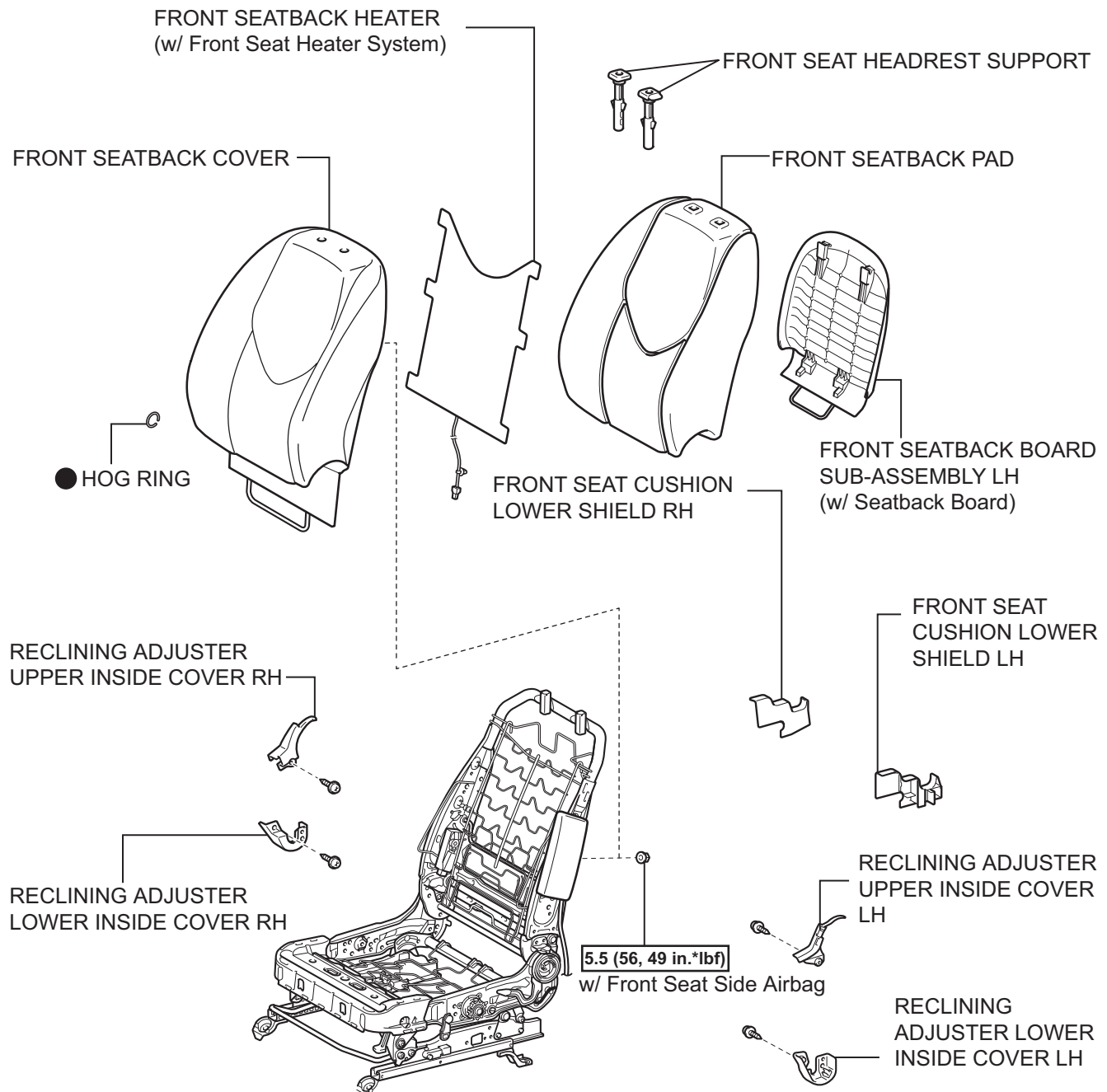
N*m (kgf*cm, ft.*lbf) : Specified torque



N*m (kgf*cm, ft.*lbf) : Specified torque

● Non-reusable part

SE



For Passenger Side



OCCUPANT CLASSIFICATION ECU

N*m (kgf*cm, ft.*lbf) : Specified torque

● Non-reusable part

for Driver Side

SEAT POSITION
AIRBAG SENSORSEAT SLIDE POSITION
SENSOR PROTECTOR

8.0 (82, 71 in.*lbf)

REMOVAL

HINT:

- Use the same procedures for the RH side and LH side.
- The procedures listed below are for the LH side.

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

CAUTION:

Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretensioner activation.

2. REMOVE FRONT SEAT HEADREST ASSEMBLY

3. REMOVE FRONT SEAT TRACK BRACKET OUTER COVER LH

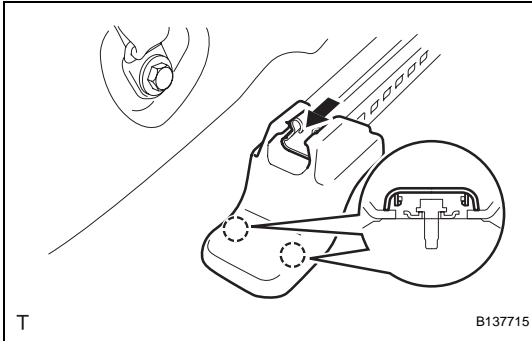
- (a) Lift up the seat track adjusting handle and move the seat to the foremost position.

- (b) Using a screwdriver, detach the 4 claws.

HINT:

Tape the screwdriver tip before use.

- (c) Remove the outer cover in the direction indicated by the arrow in the illustration.



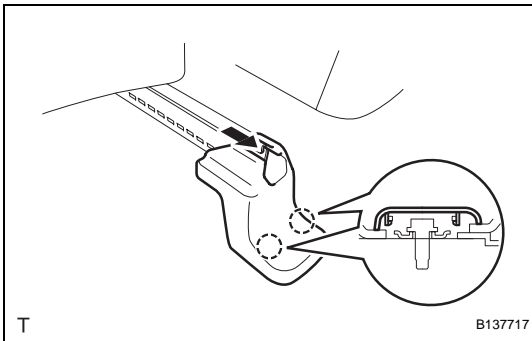
4. REMOVE FRONT SEAT TRACK BRACKET INNER COVER LH

- (a) Using a screwdriver, detach the 2 claws.

HINT:

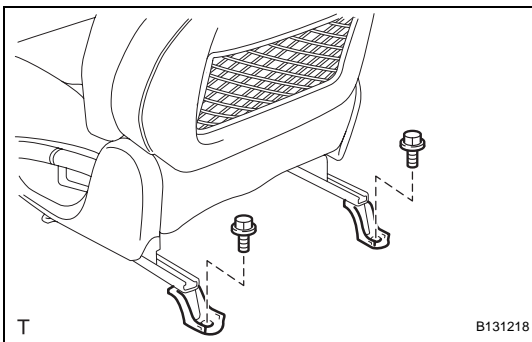
Tape the screwdriver tip before use.

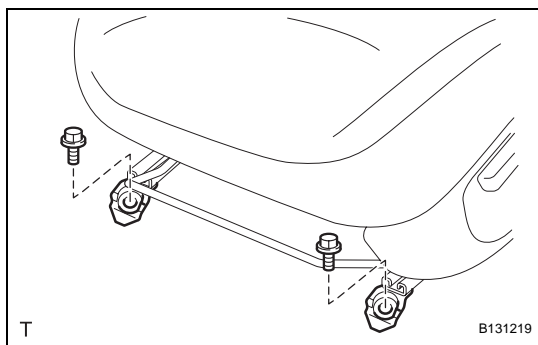
- (b) Remove the inner cover in the direction indicated by the arrow in the illustration.



5. REMOVE FRONT SEAT ASSEMBLY

- (a) Remove the 2 bolts on the rear side of the seat.
- (b) Lift up the seat track adjusting handle and move the seat to the rearmost position.





- (c) Remove the 2 bolts on the front side of the seat.
- (d) Lift up the seat track adjusting handle and move the seat to the center position. Also, operate the reclining adjuster release handle and move the seatback to the upright position.
- (e) Disconnect the connector under the seat.
- (f) Remove the seat.

NOTICE:

Be careful not to damage the vehicle body.

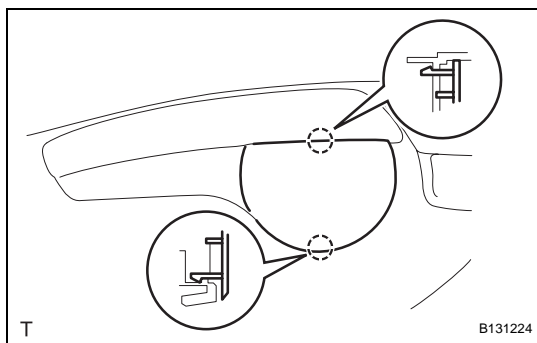
DISASSEMBLY

CAUTION:

Wear protective gloves. Sharp areas on the seat frame (with adjuster) may injure your hands.

HINT:

- Use the same procedures for the RH side and LH side.
- The procedures listed below are for the LH side.

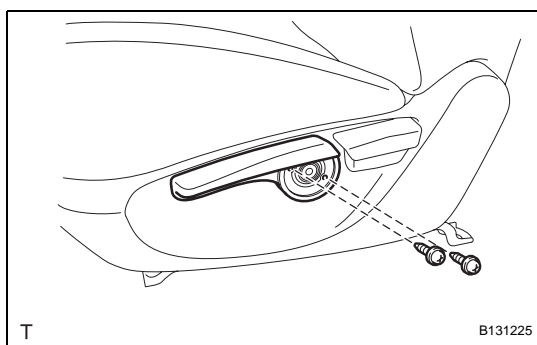


1. REMOVE VERTICAL ADJUSTER COVER LH (for Driver Side)

- (a) Using a screwdriver, detach the 2 claws and remove the cover.

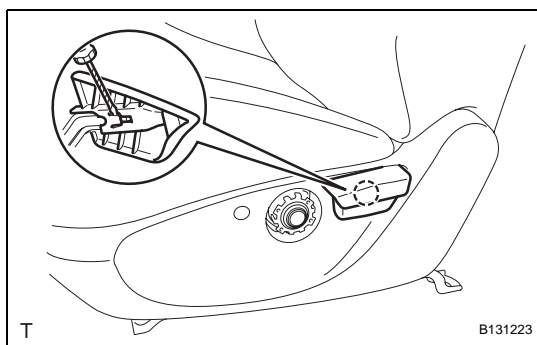
HINT:

Tape the screwdriver tip before use.



2. REMOVE VERTICAL ADJUSTING HANDLE LH (for Driver Side)

- (a) Remove the 2 screws and handle.



3. REMOVE RECLINING ADJUSTER RELEASE HANDLE LH (for Driver Side)

- (a) Raise the reclining adjuster release handle to reveal the claw. Using a screwdriver, detach the claw and remove the release handle.

HINT:

Tape the screwdriver tip before use.

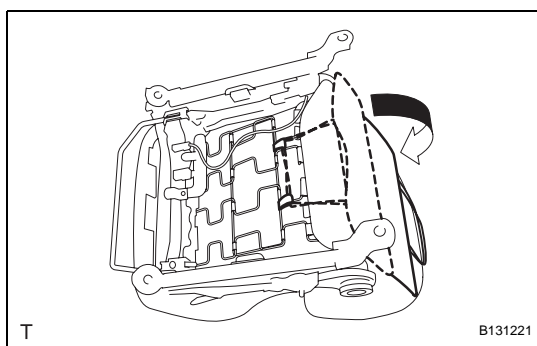
4. REMOVE RECLINING ADJUSTER RELEASE HANDLE RH (for Front Passenger Side)

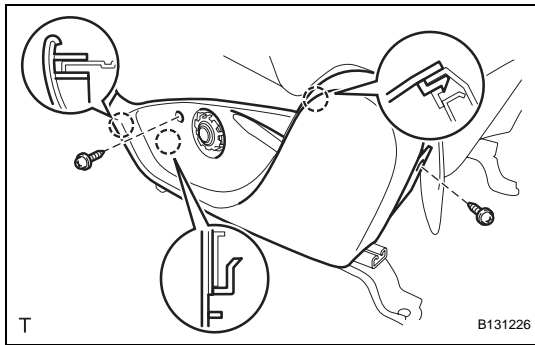
HINT:

Use the same procedures described for the driver side.

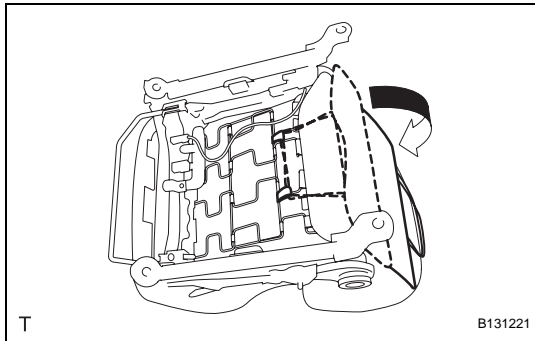
5. REMOVE FRONT SEAT CUSHION SHIELD LH (for Driver Side)

- (a) Disconnect the 2 rubber bands of the front seatback board or front seatback cover from the front seat frame (with adjuster).



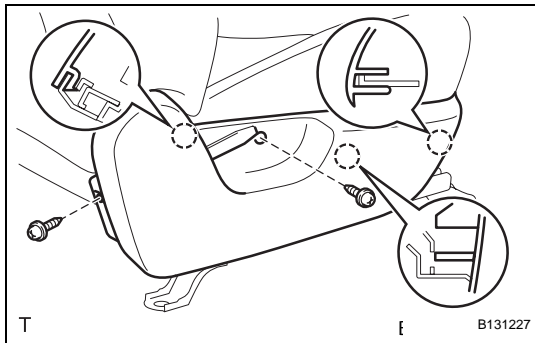


- (b) Remove the 2 screws.
 - (c) Using a screwdriver, detach the 3 claws and remove the cushion shield.
- HINT:
Tape the screwdriver tip before use.

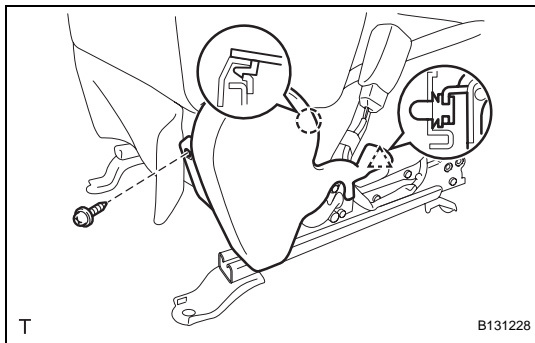


6. REMOVE FRONT SEAT CUSHION SHIELD RH (for Front Passenger Side)

- (a) Disconnect the 2 rubber bands of the front seatback board or front seatback cover from the front seat frame (with adjuster).



- (b) Remove the 2 screws.
 - (c) Using a screwdriver, detach the 3 claws and remove the cushion shield.
- HINT:
Tape the screwdriver tip before use.



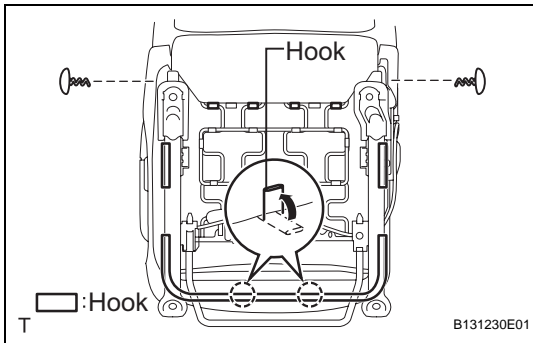
7. REMOVE FRONT SEAT CUSHION INNER SHIELD LH

- (a) Remove the screw.
 - (b) Using a screwdriver, detach the claw and clip. Then remove the inner shield.
- HINT:
Tape the screwdriver tip before use.

8. REMOVE FRONT SEAT INNER BELT ASSEMBLY LH (See page SB-22)

9. REMOVE FRONT SEAT CUSHION COVER

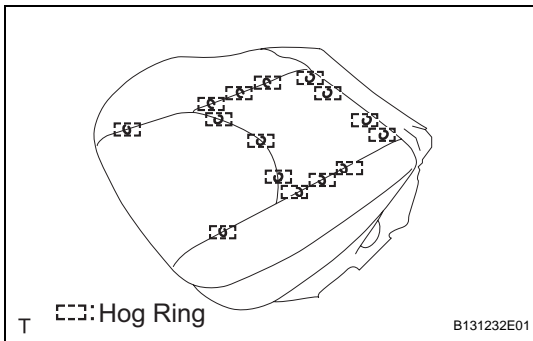
- (a) w/ Seat Heater System:
Disconnect the connector.



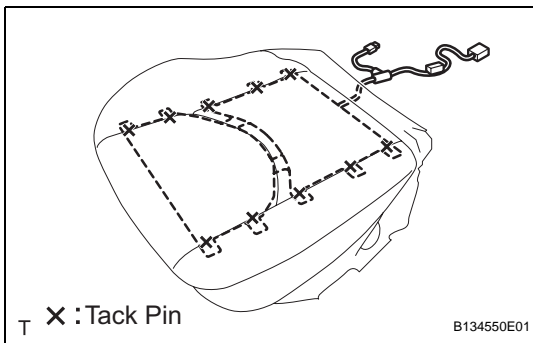
- (b) Using a clip remover, remove the 2 clips.
- (c) Detach the 2 hooks on the seat cushion front side.
- (d) Using a screwdriver, detach the hooks and remove the seat cushion cover (with pad).

HINT:

Tape the screwdriver tip before use.



- (e) Remove the 15 hog rings and seat cushion cover from the seat cushion pad.

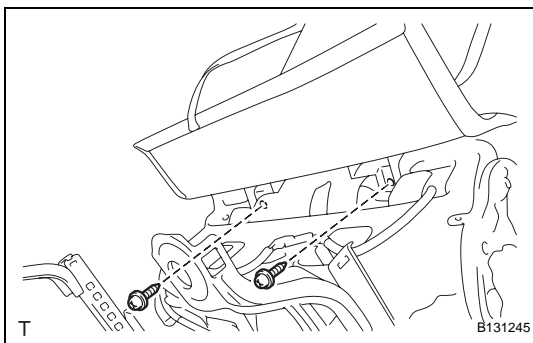


10. REMOVE FRONT SEAT CUSHION HEATER (w/ Seat Heater System)

- (a) Cut off the 10 tack pins which fasten the seat heater, and then remove the seat cushion heater from the seat cushion cover.

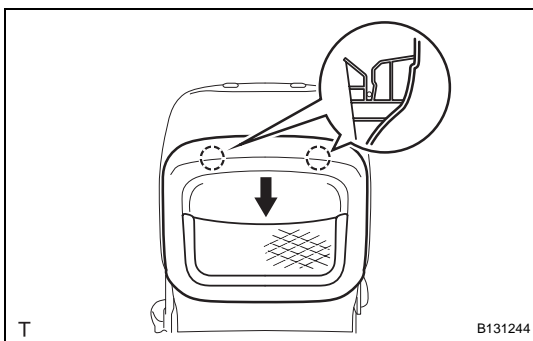
NOTICE:

Be careful not to damage the seat cushion cover and seat heater.



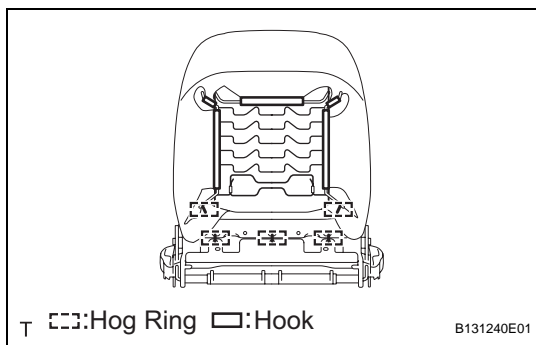
11. REMOVE FRONT SEATBACK BOARD SUB-ASSEMBLY LH (w/ Seatback Board)

- (a) Open the lower part of the seatback board. Then remove the 2 screws.

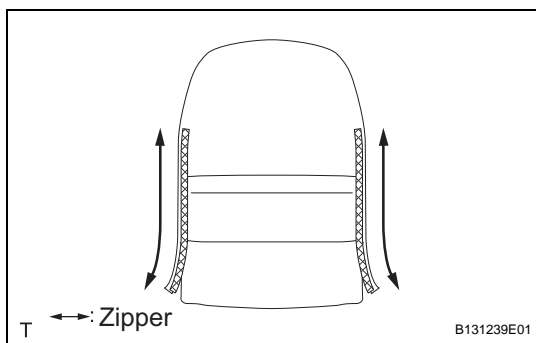


- (b) Pull the seatback board in the direction indicated by the arrow in the illustration to detach the 2 claws. Then, remove the seatback board.

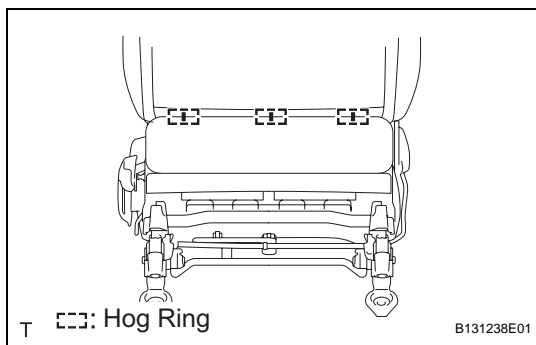
SE

**12. REMOVE FRONT SEATBACK COVER**

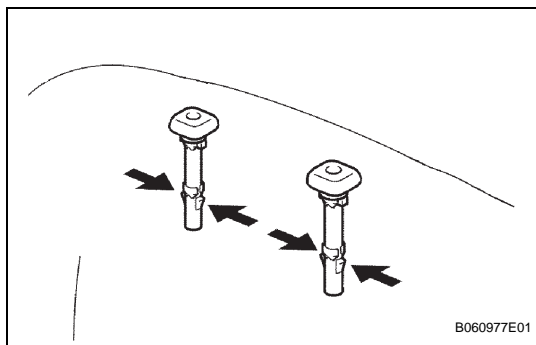
- (a) w/ Seatback Board:
Remove the 5 hog rings
- (b) w/ Seatback Board:
Using a screwdriver, detach the hooks.
HINT:
Tape the screwdriver tip before use.



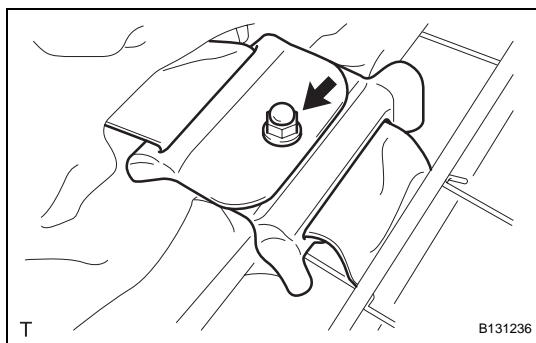
- (c) w/o Seatback Board:
Open the 2 zippers.



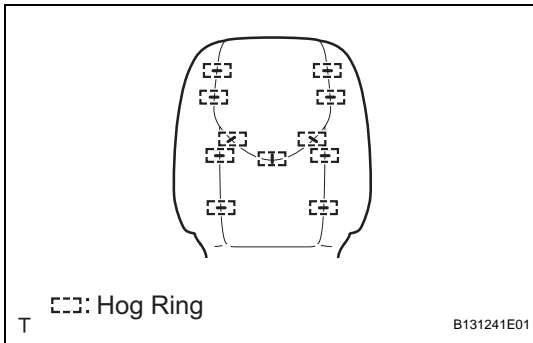
- (d) w/o Seatback Board:
Lift up the seatback cover and remove the 3 hog rings.



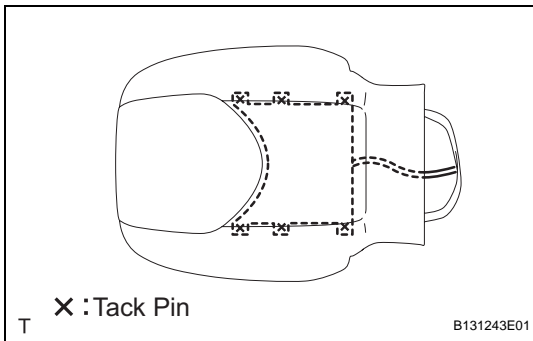
- (e) Detach the 4 claws and remove the 2 headrest supports.



- (f) w/ Front Seat Side Airbag:
Remove the nut and move the 2 seatback cover brackets.
- (g) Remove the seatback cover (with pad) from the seat frame (with adjuster).



- (h) Remove the 11 hog rings and seatback cover from the seatback pad.

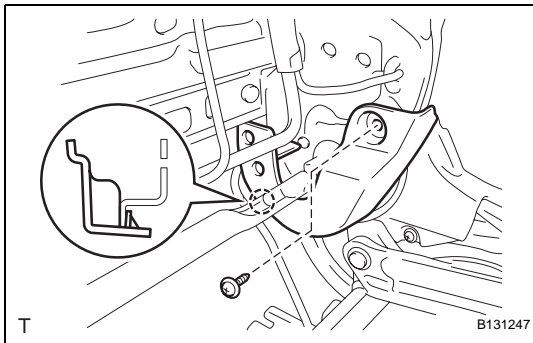


13. REMOVE FRONT SEATBACK HEATER (w/ Seat Heater System)

- (a) Cut off the 6 tack pins which fasten the seat heater, and then remove the seat cushion heater from the seat cushion cover.

NOTICE:

Be careful not to damage the seat cushion cover and seat heater.



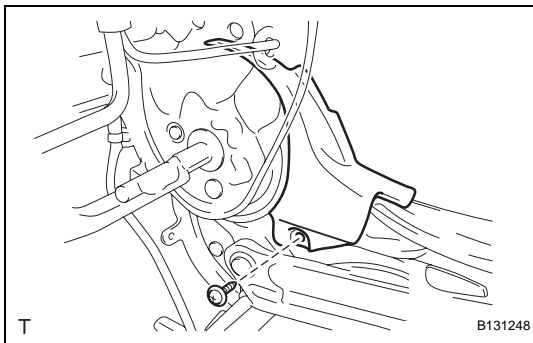
14. REMOVE RECLINING ADJUSTER LOWER INSIDE COVER LH

- (a) Remove the screw.
(b) Detach the claw and remove the inside cover.

15. REMOVE RECLINING ADJUSTER LOWER INSIDE COVER RH

HINT:

Use the same procedures described for the LH side.

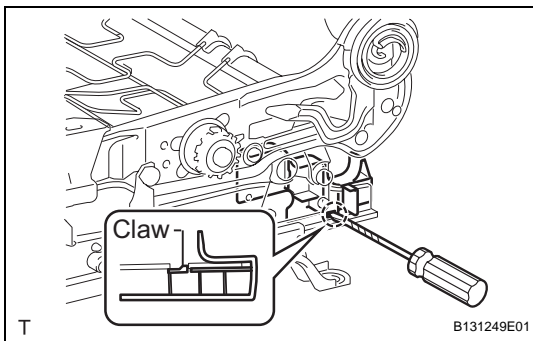


16. REMOVE RECLINING ADJUSTER UPPER INSIDE COVER LH

- (a) Remove the screw and inside cover.

17. REMOVE RECLINING ADJUSTER UPPER INSIDE COVER RH

- (a) Remove the screw and inside cover.



18. REMOVE FRONT SEAT CUSHION LOWER SHIELD LH

- (a) Using a screwdriver, detach the claw and remove the lower shield.

HINT:

Tape the screwdriver tip before use.

19. REMOVE FRONT SEAT CUSHION LOWER SHIELD RH

HINT:

Use the same procedures described for the LH side.

20. REMOVE SEAT POSITION AIRBAG SENSOR (for Driver Side) (See page [RS-390](#))
21. REMOVE OCCUPANT CLASSIFICATION ECU (for Front Passenger Side) (See page [RS-393](#))

REASSEMBLY

CAUTION:

Wear protective gloves. Sharp areas on the seat frame (with adjuster) may injure your hands.

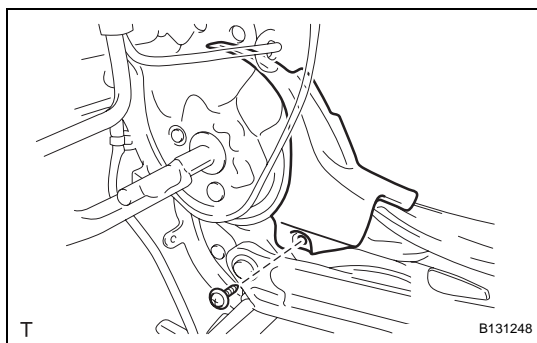
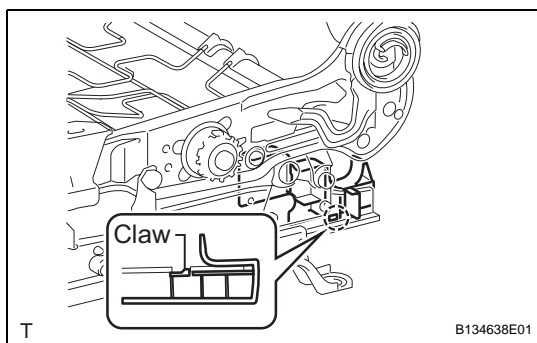
HINT:

- Use the same procedures for the RH side and LH side.
- The procedures listed below are for the LH side.

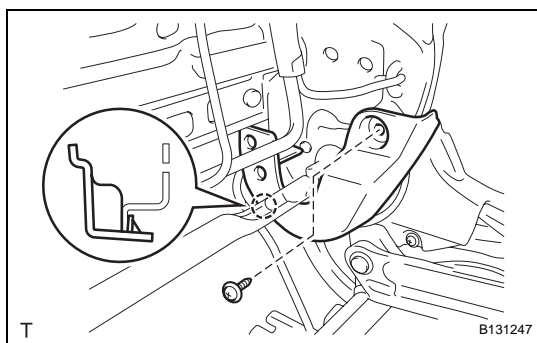
1. **INSTALL OCCUPANT CLASSIFICATION ECU (for Driver Side)** (See page [RS-394](#))
2. **INSTALL SEAT POSITION AIRBAG SENSOR (for Driver Side)** (See page [RS-390](#))
3. **INSTALL FRONT SEAT CUSHION LOWER SHIELD LH**
(a) Attach the claw to install the lower shield.
4. **INSTALL FRONT SEAT CUSHION LOWER SHIELD RH**

HINT:

Use the same procedures described for the LH side.



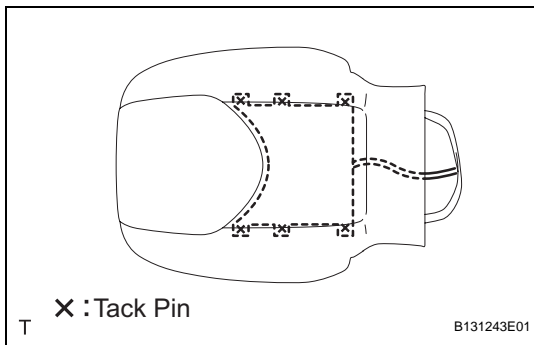
5. **INSTALL RECLINING ADJUSTER UPPER INSIDE COVER LH**
(a) Install the inside cover with the screw.
6. **INSTALL RECLINING ADJUSTER UPPER INSIDE COVER RH**
(a) Install the inside cover with the screw.



7. **INSTALL RECLINING ADJUSTER LOWER INSIDE COVER LH**
(a) Attach the claw to install the inside cover.
(b) Install the screw.
8. **INSTALL RECLINING ADJUSTER LOWER INSIDE COVER RH**

HINT:

Use the same procedures described for the LH side.

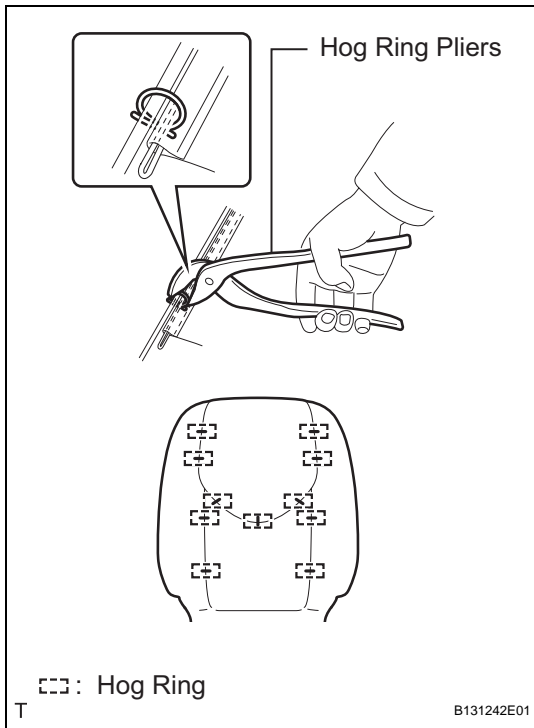


9. INSTALL FRONT SEATBACK HEATER (w/ Seat Heater System)

- (a) Using a tack, install the seatback heater to the end of the seat cover with 6 new tack pins.

NOTICE:

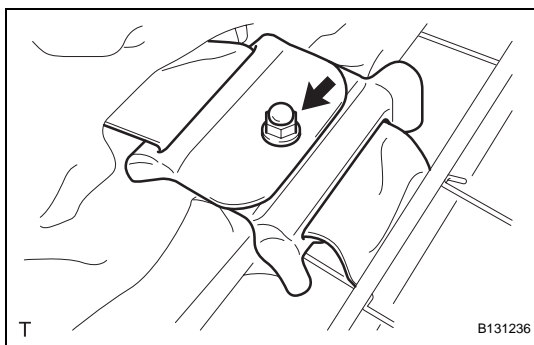
Do not substitute other metal parts for tack pins.



10. INSTALL FRONT SEATBACK COVER

NOTICE:

- Be careful not to damage the cover.
 - When installing the hog rings, avoid wrinkling the cover.
- (a) Using hog ring pliers, install the seatback cover to the seatback pad with 11 new hog rings.
- (b) Install the seatback cover (with pad) to the seat frame (with adjuster).



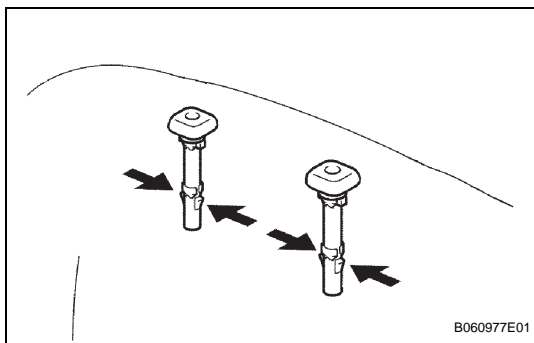
- (c) w/ Front Seat Side Airbag:

Fully cover the airbag with the 2 seatback cover brackets and install the nut.

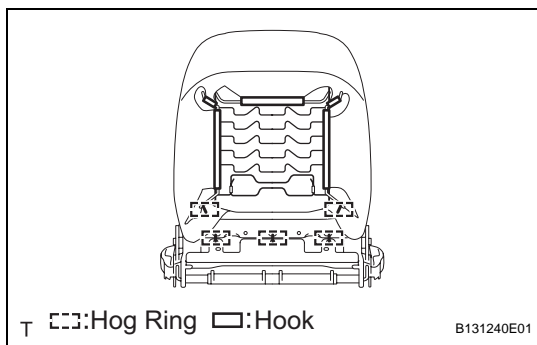
Torque: 5.5 N*m (56 kgf*cm, 49 in.*lbf)

CAUTION:

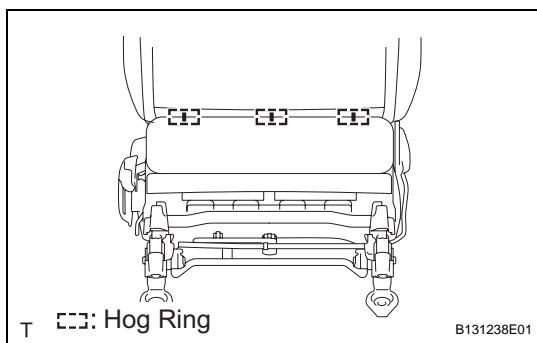
- For vehicles with side airbags, the seatback cover must be securely installed. Otherwise, the side airbags may not deploy properly.
- Make sure that the strap is not twisted after installing the bracket.
- Install the bracket securely.



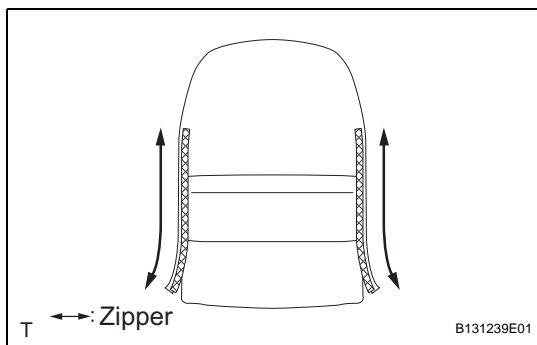
- (d) Attach the 4 claws to install the 2 headrest supports.



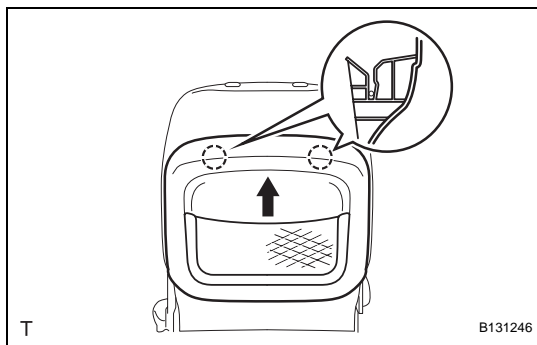
- (e) w/ Seatback Board:
Attach the hooks.
- (f) w/ Seatback Board:
Using hog ring pliers, install 5 new hog rings.



- (g) w/o Seatback Board:
Using hog ring pliers, install 3 new hog rings.

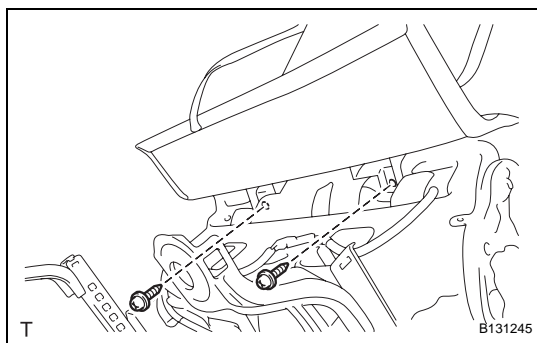


- (h) w/o Seatback Board:
Close the 2 zippers.

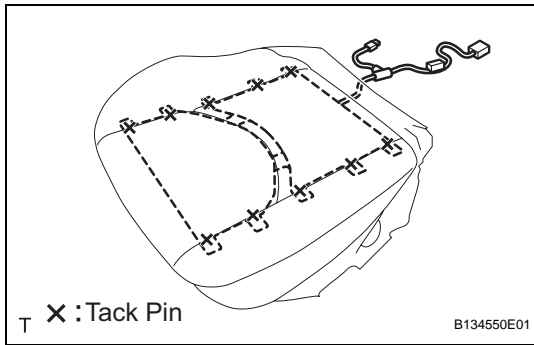


11. INSTALL FRONT SEATBACK BOARD SUB-ASSEMBLY LH (w/ Seatback Board)

- (a) Push the seatback board in the direction indicated by the arrow in the illustration to attach the 2 claws.



- (b) Open the lower part of the seatback board. Then install the seatback board with the 2 screws.

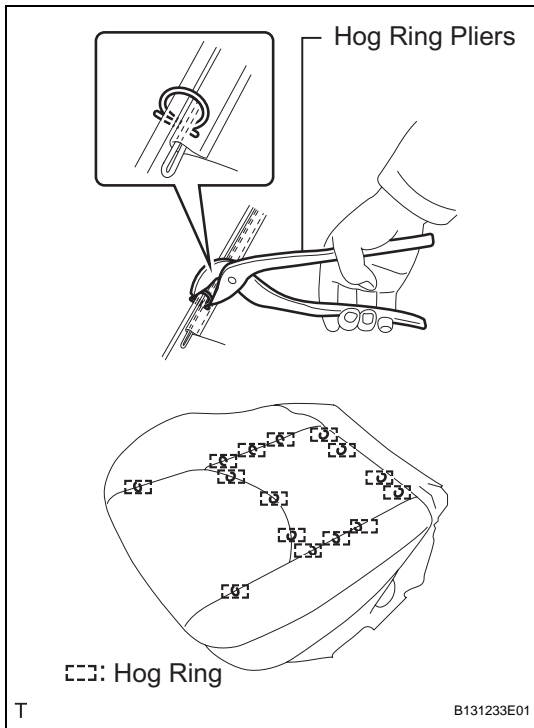


12. INSTALL FRONT SEAT CUSHION HEATER (w/ Seat Heater System)

- (a) Using a tackers, install the seat cushion heater to the end of the seat cover with 10 new tack pins.

NOTICE:

Do not substitute other metal parts for tack pins.



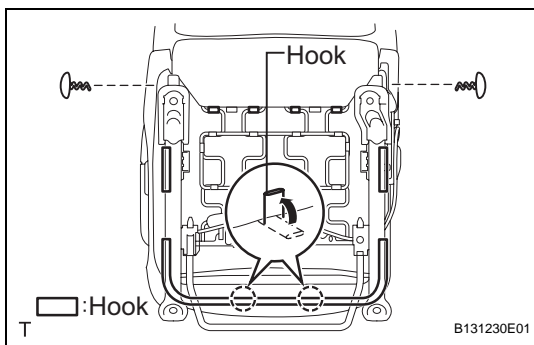
13. INSTALL FRONT SEAT CUSHION COVER

- (a) Using hog ring pliers, install the seat cushion cover to the seat cushion pad with 15 new hog rings.

NOTICE:

- Be careful not to damage the cover.
- When installing the hog rings, avoid wrinkling the cover.

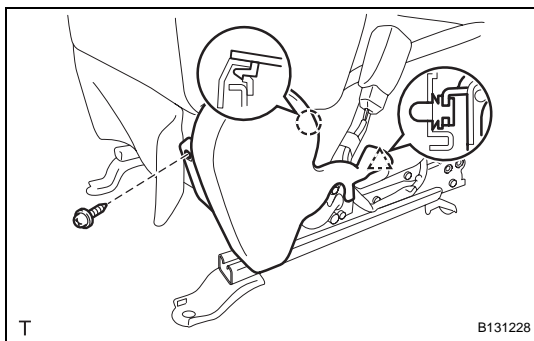
- (b) Install the seat cushion cover (with pad) to the seat frame (with adjuster).



- (c) Attach the hooks and install the 2 clips.

- (d) w/ Seat Heater System:
Connect the connector.

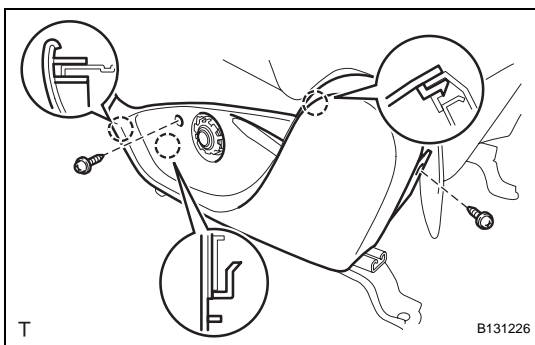
14. INSTALL FRONT SEAT INNER BELT ASSEMBLY (See page [SB-23](#))



15. INSTALL FRONT SEAT CUSHION INNER SHIELD LH

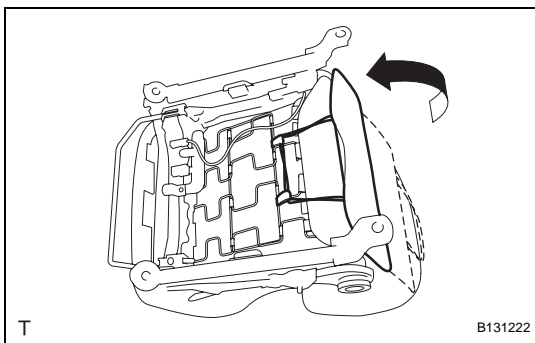
- (a) Attach the clip and claw to install the inner shield.

- (b) Install the screw.

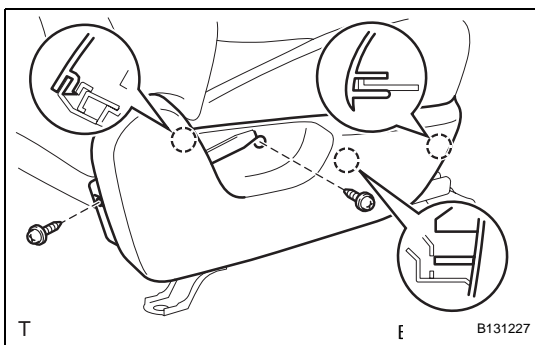


16. INSTALL FRONT SEAT CUSHION SHIELD LH (for Driver Side)

- Attach the 3 claws to install the cushion shield.
- Install the 2 screws.

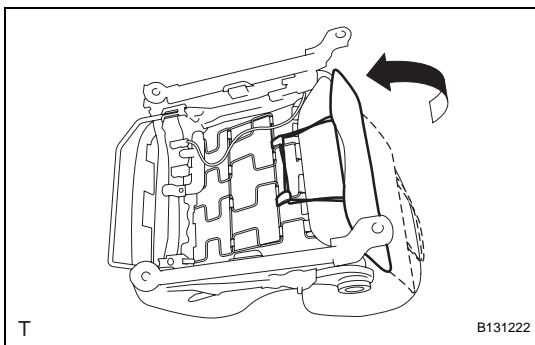


- Connect the 2 rubber bands of the front seatback board or front seatback cover to the seat frame (with adjuster).

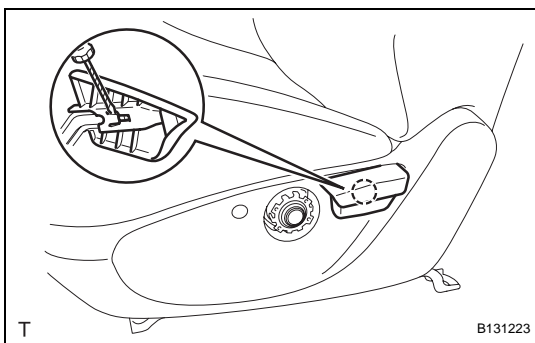


17. INSTALL FRONT SEAT CUSHION SHIELD RH (for Front Passenger Side)

- Attach the 3 claws to install the cushion shield.
- Install the 2 screws.



- Connect the 2 rubber bands of the front seatback board or front seatback cover to the seat frame (with adjuster).



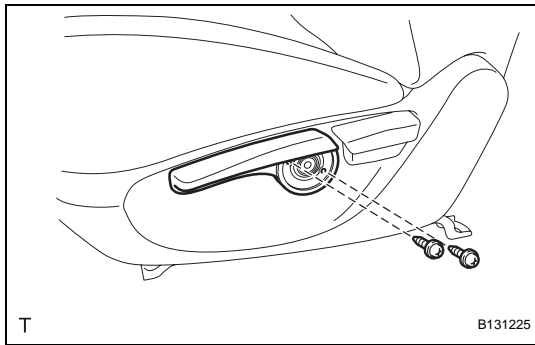
18. INSTALL RECLINING ADJUSTER RELEASE HANDLE LH (for Driver Side)

- Attach the claw to install the release handle.

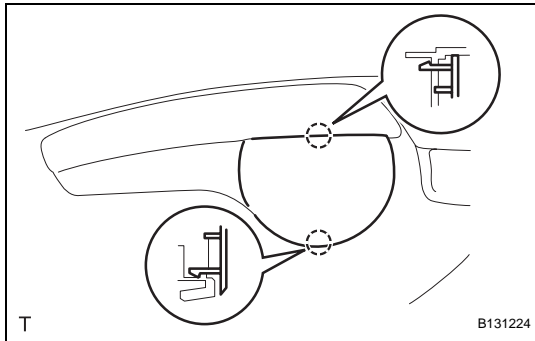
19. INSTALL RECLINING ADJUSTER RELEASE HANDLE RH (for Front Passenger Side)

HINT:

Use the same procedures described for the driver side.

**20. INSTALL VERTICAL ADJUSTING HANDLE (for Driver Side)**

- (a) Install the handle with the 2 screws.

**21. INSTALL VERTICAL ADJUSTER COVER LH (for Driver Side)**

- (a) Attach the 2 claws to install the cover.

INSTALLATION

HINT:

- Use the same procedures for the RH side and LH side.
- The procedures listed below are for the RH side.

1. INSTALL FRONT SEAT ASSEMBLY

- (a) Place the seat in the cabin.

NOTICE:

Be careful not to damage the vehicle body.

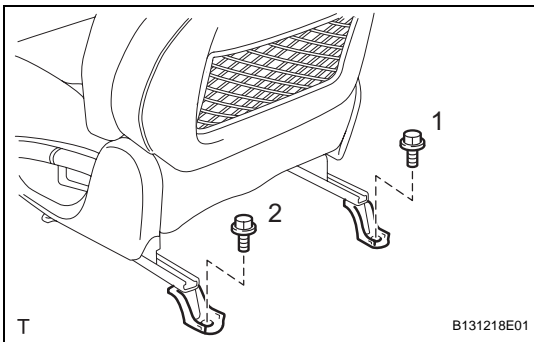
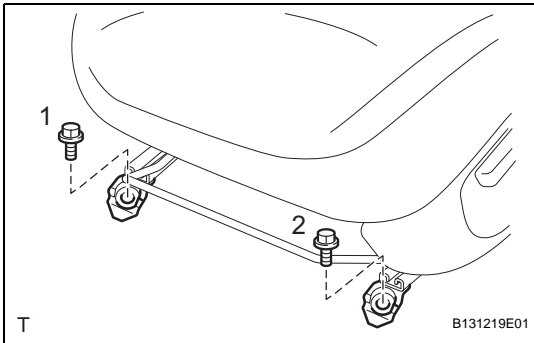
- (b) Connect the connector under the seat.
 (c) Lift up the seat track adjusting handle and move the seat to the rearmost position.
 (d) Tighten the 2 bolts on the front side of the seat.

Torque: 37 N*m (377 kgf*cm, 27 ft.*lbf)

HINT:

Tighten the bolts in the order indicated in the illustration.

- (e) Lift up the seat track adjusting handle and move the seat to the foremost position.



- (f) Tighten the 2 bolts on the rear side of the seat.

Torque: 37 N*m (377 kgf*cm, 27 ft.*lbf)

HINT:

Tighten the bolts in the order indicated in the illustration.

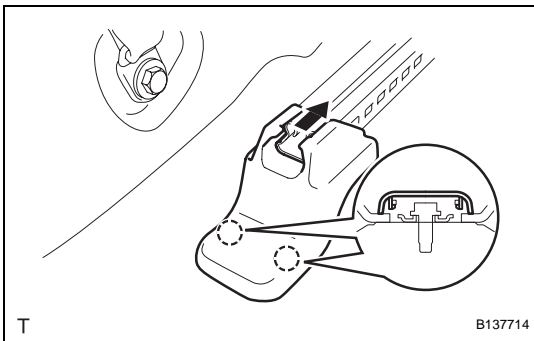
2. INSPECT AND ADJUST SEAT SLIDE ADJUSTER LOCKS

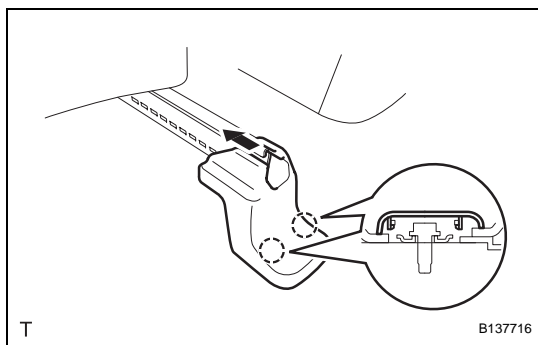
- (a) During sliding operation of the front seat, check that the left and right adjusters move together smoothly and lock simultaneously.

If the seat adjusters do not lock simultaneously, loosen the seat fixation bolts to adjust the adjuster's position.

3. INSTALL FRONT SEAT TRACK BRACKET OUTER COVER LH

- (a) Install the outer cover in the direction indicated by the arrow in the illustration and attach the 2 claws.



**4. INSTALL FRONT SEAT TRACK BRACKET INNER COVER LH**

- (a) Install the inner cover in the direction indicated by the arrow in the illustration and attach the 2 claws.

5. INSTALL FRONT SEAT HEADREST ASSEMBLY**6. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL****7. CHECK SRS WARNING LIGHT (w/ Front Seat Side Airbag)**

- (a) Check the SRS warning light (see page [RS-37](#)).

8. INSPECT FRONT SEAT ASSEMBLY

- (a) for Passenger Side:
Perform the zero point calibration and sensitivity check (see page [RS-241](#)).
- (b) w/ Seat Heater System:
Check the seat heater operation.
- (1) Turn the ignition switch on (IG).
 - (2) Push the seat heater switch ON.
 - (3) Wait 5 minutes or more and confirm that the seat surface becomes warm.